INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/31523

A CLAS	A CIT A SOUTH OF SUPPLIES A				
A. CLASSIFICATION OF SUBJECT MATTER					
IPC(7) : A61K 31/47, 31/535; C07D 413/00, 215/16, 215/20. US CL : 514/312, 235.2, 253, 266.2, 266.3; 544/128, 235, 238, 284, 293, 363, 405.					
US CL: 514/312, 235.2, 253, 266.2, 266.3; 544/128, 235, 238, 284, 293, 363, 405. According to International Patent Classification (IPC) or to both national classification and IPC					
	DS SEARCHED				
Minimum do	cumentation searched (classification system followed b	y classification symbols)			
U.S. : 5	14/312, 235.2, 253, 266.2, 266.3; 544/128, 235, 238,	284, 293, 363, 405.			
Documentation	on searched other than minimum documentation to the	extent that such documents are included in	the fields searched		
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Electronic da	ta base consulted during the international search (name	e of data base and, where practicable, sear	ch terms used)		
CAPLUS and	1 EAS1				
C. DOCI	UMENTS CONSIDERED TO BE RELEVANT				
Category *					
	Citation of document, with indication, where a	opropriate, or the relevant passages	Relevant to claim No.		
A	6,143,764 (KUBO et. al.) 07 November 2000 (07.11	.2000), columns 14-18.	45 and 105		
	TIC 5 490 993 (SDADA1) 00 T 1006 (00	0. 1000			
A	US 5,480,883 (SPADA et. al.) 02 January 1996 (02.	.01.1996), columns 55-58.	45 and 105		
					
A	WO 95/15758 (RHONE-POULENC RORER PHAR	MACRIFICAL DIC \ 15 I 1005	45 1 105		
T.	(15.06.1995), page 15.	WACEUTICAL INC.) 13 June 1995	45 and 105		
A	WO 97/17329 (KIRIN BEER KABUSHIKI KAISHA	1) 15 May 1907 (15 05 1997), page 20	45 and 105		
	WO SWITTSES (INICIA) DEEK KADOSIIIM KAISII	1) 15 May 1997 (15.05.1997), page 30.	45 and 105		
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			•		
Further	documents are listed in the continuation of Box C.	See patent family annex.			
* S	pecial categories of cited documents:	"T" later document published after the inter	mational filing date or priority		
"A" document	defining the general cases of the second by the second state of th	date and not in conflict with the applica	ation but cited to understand the		
	defining the general state of the art which is not considered to be lar relevance	principle or theory underlying the inve	ntion		
•		"X" document of particular relevance; the o	laimed invention cannot be		
"E" earlier ap	plication or patent published on or after the international filing date	considered novel or cannot be consider when the document is taken alone	ed to involve an inventive step		
"L" document	which may throw doubts on priority claim(s) or which is cited to	which the document is taken alone			
establish (specified)	the publication date of another citation or other special reason (as	"Y" document of particular relevance; the o			
specified)		considered to involve an inventive step combined with one or more other such			
"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the			
"P" document	published prior to the international filing date but later than the	"&" document member of the same patent f	nemilu		
	ate claimed	Comment member of the same patent i	a		
Date of the a	ctual completion of the international search	Date of mailing of the international search	h renort		
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Name and mailing address of the ISA/US		Authorized officer			
	I Stop PCT, Attn: ISA/US	James O Wilson	1, 1/00 4		
	nmissioner for Patents . Box 1450	James C VIISUIT	Jacks L		
	xandria, Virginia 22313-1450	Telephone No. 571-272-1600	00/6		
Facsimile No. (703) 305-3230					

Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No. PCT/US04/31523

	INTERNATIONAL SEARCH REFORT	PC17US04/3152	3
C. (Contin	uation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant p	oassages	Relevant to claim No.
A	OGITA, H. et. al., Synthesis and Structure—Activity Relationship of Diarylamide Urea Derivatives as Selective Inhibitors of the Proliferation of Human Coronary Artery Smooth Muscle Cells. Bioorg. & Med. Chem., 2002, Vol. 10, No. 6, pp. 1865-1871.		45 and 105
A	BOSCHELLI, D.H. et. al., Synthesis and Src Kinase Inhibitory Activity of a Phenylamino-3-quinolinecarbonitriles. J. Med. Chem., 2001, Vol. 44, No.	a Series of 4- 5, pp. 822-833.	45 and 105
		:	

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/31523

Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)		
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:			
	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:		
1	Claims Nos.: 1-44 and 46-104 because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: Please See Continuation Sheet		
	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).		
Box No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)		
This Internation	nal Searching Authority found multiple inventions in this international application, as follows:		
2.	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:		
	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.		

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Continuation of Box II Reason 2:

Claim 1 recites limitations that are either not realistic or inconsistently defined. For example, when m or p > 1, and X^1 is either O or S, then there could be up to 4O's or 4S's in the bridge (i.e., -O-O-O-O, or -S-S-S-S). Such a ring is not realistic. Also in claim 1, X^1 can be -NR⁸-, in which R⁸ appears as a substituent on N (or a terminal group, or a monovalent group). However, the definition of R⁸ includes Y, which is a liking group (or a divalent group). Thus, when X^1 is -NR⁸, it is not clear what is substituted on N, or how X^1 is attached to X^2 (via N or R⁸).

The proviso in claim 1 (on page 298) is unclear as to which end of the G portion is attached to Ar.

Claim 2 depends on claim 1, but refers to the specification (paragraph [0033]). Therefore, it is not clear which set of compounds is intended in claim 2. Because claims 1 and 2 are unclear, no meaningful search can be carried out.

Claims 3-44 depend on claim 1, and recite subgenera derived from Formula I which is too unclear for a meaningful search.

Claim 46 recites the formula of A-B-C. In the definition of B, it is not clear which end of the linking group is attached to A, and which end attached to C. Also, the definition of R⁹ (on page 377) is unclear. Particularly, the phrase "when taken together, are either an optionally substituted alkylidene or an oxo" does not indicate which groups are taken together (i.e, R⁹, R¹⁰ and R¹¹ are taken together? Or R¹⁰ and R¹¹? Or R¹², R¹⁰ and R¹¹ are taken together?). Because claim 46 is unclear, no meaningful search can be done.

Claims 47-104 depend claim 46, and recite subgenera derived from formula A-B-C, their scopes are also too unclear for a meaningful search.